Figure 1

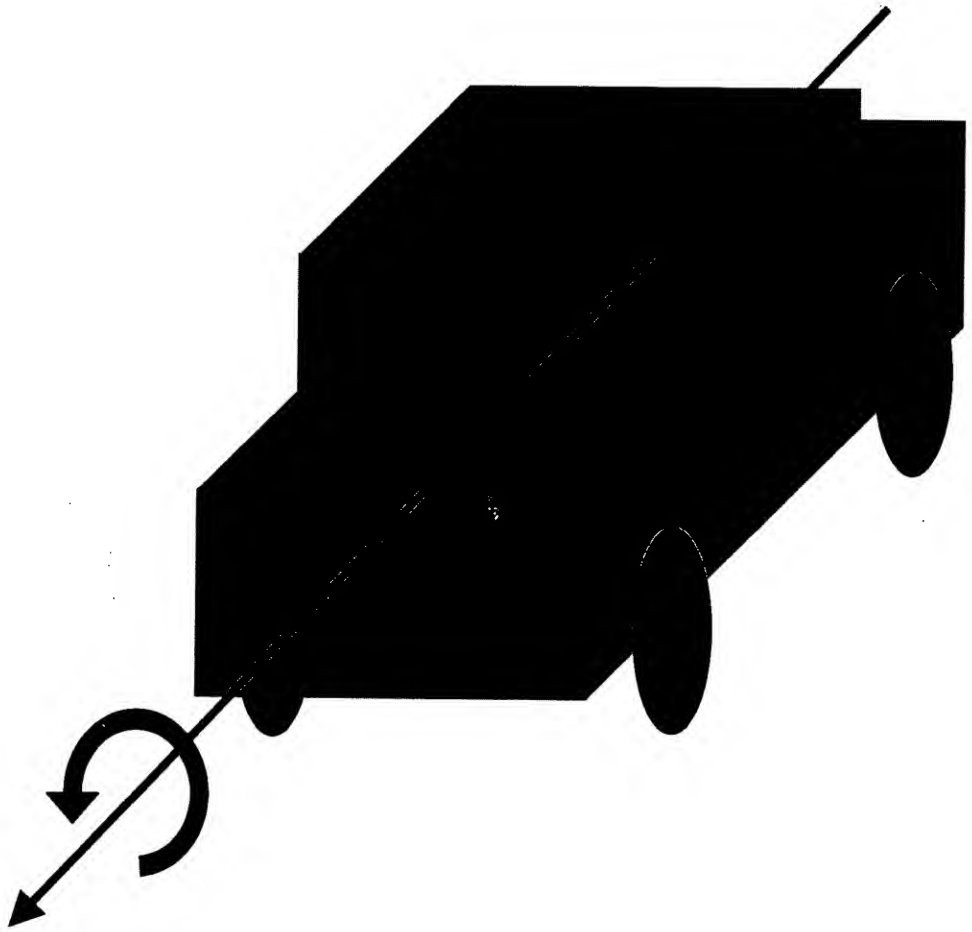


Figure 2a

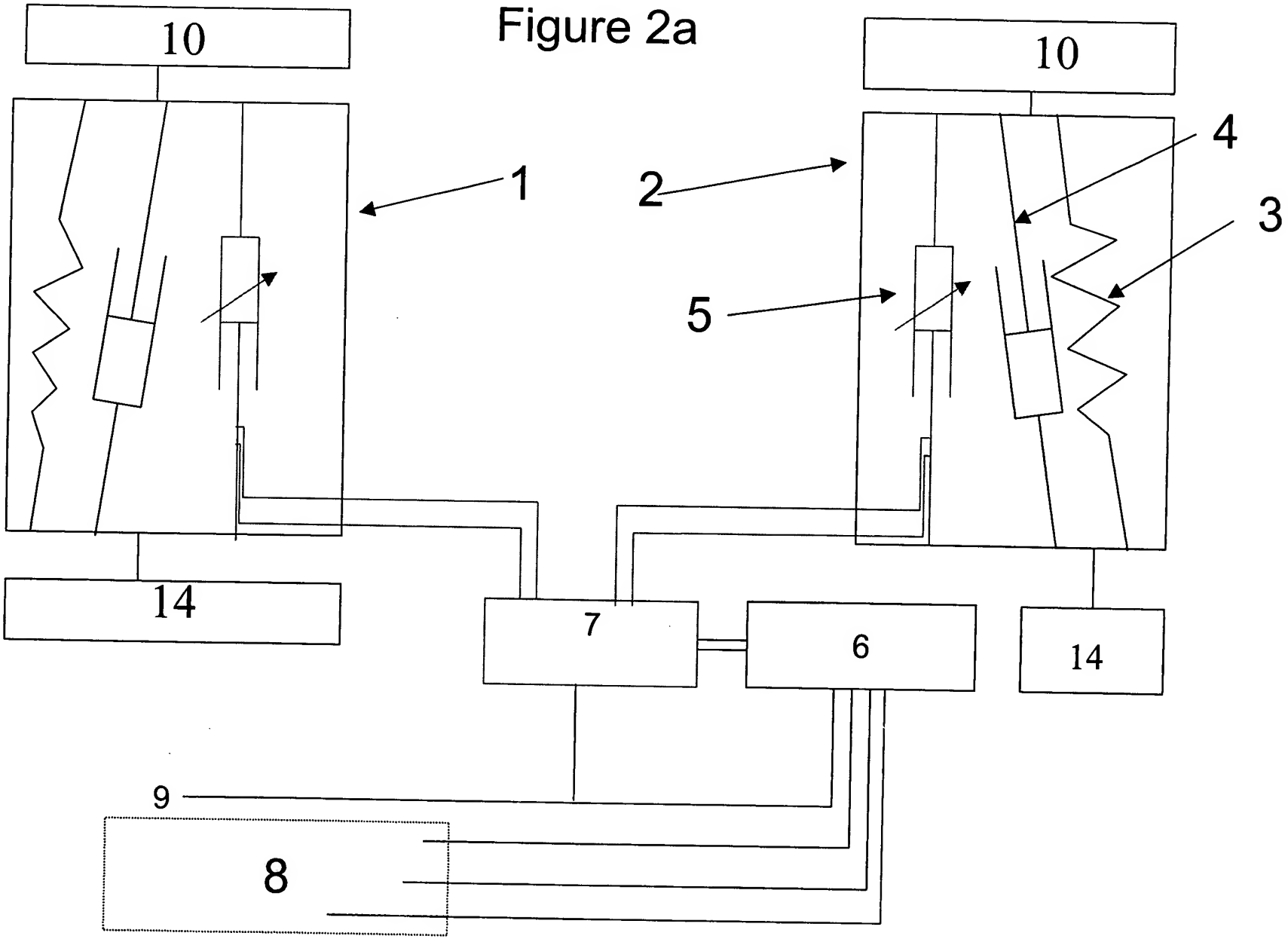


Figure 2b

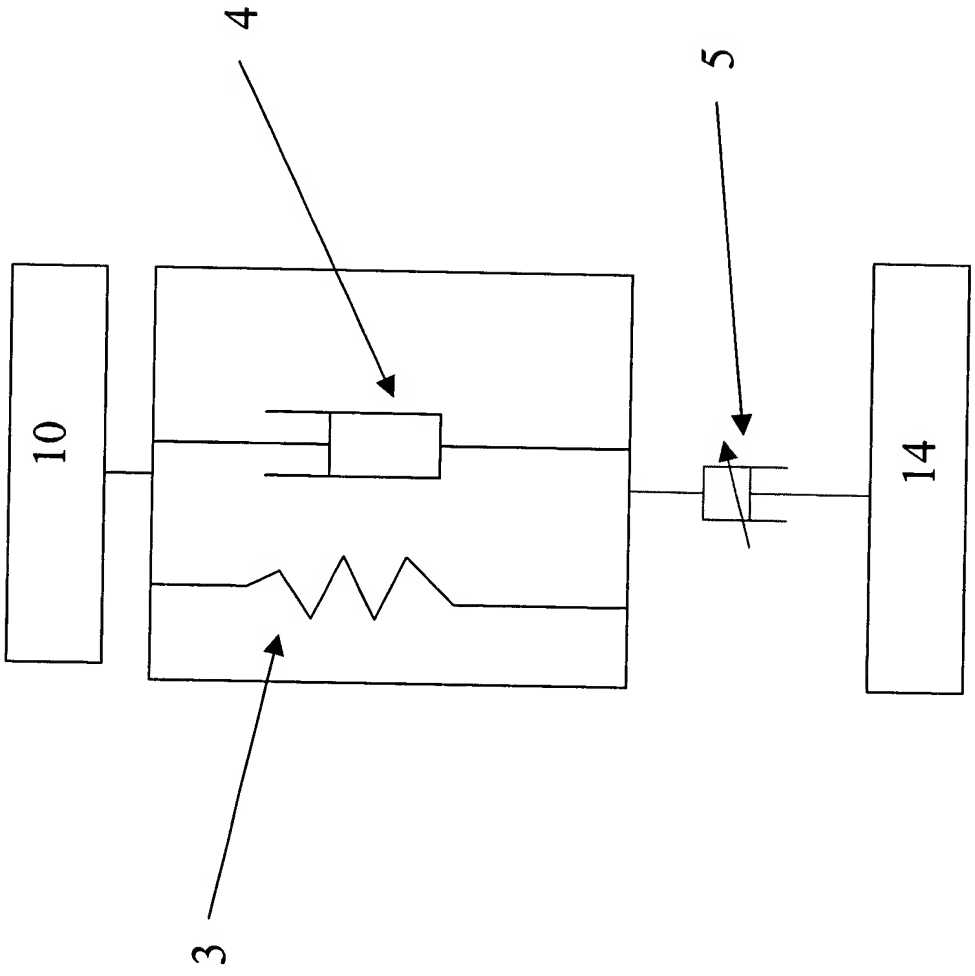


Figure 2c

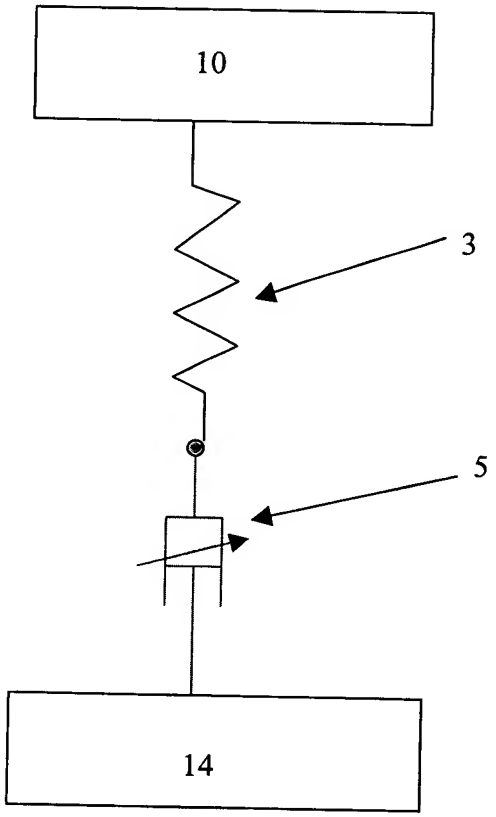


Figure 2d

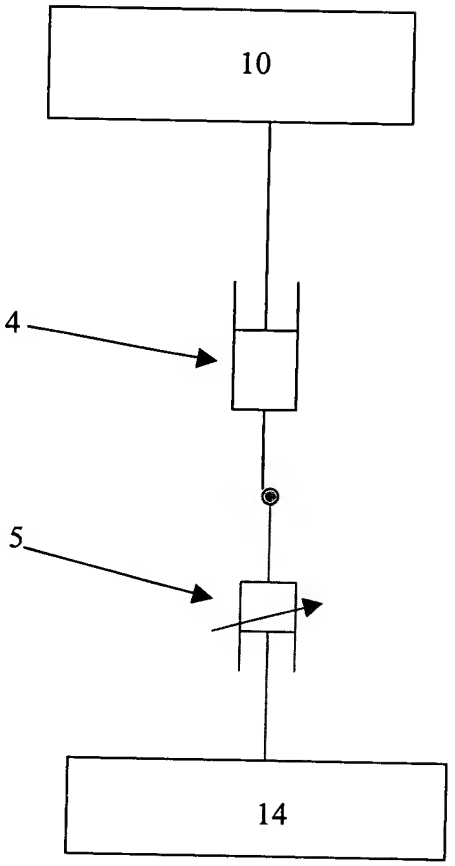


Figure 3

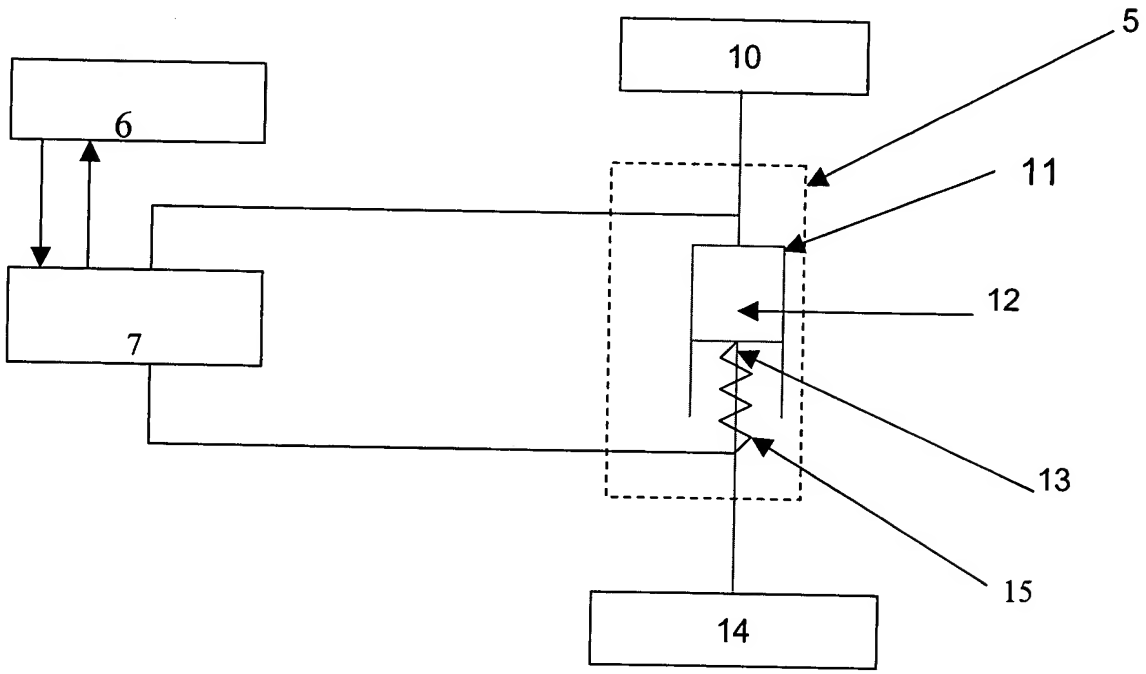


Figure 4

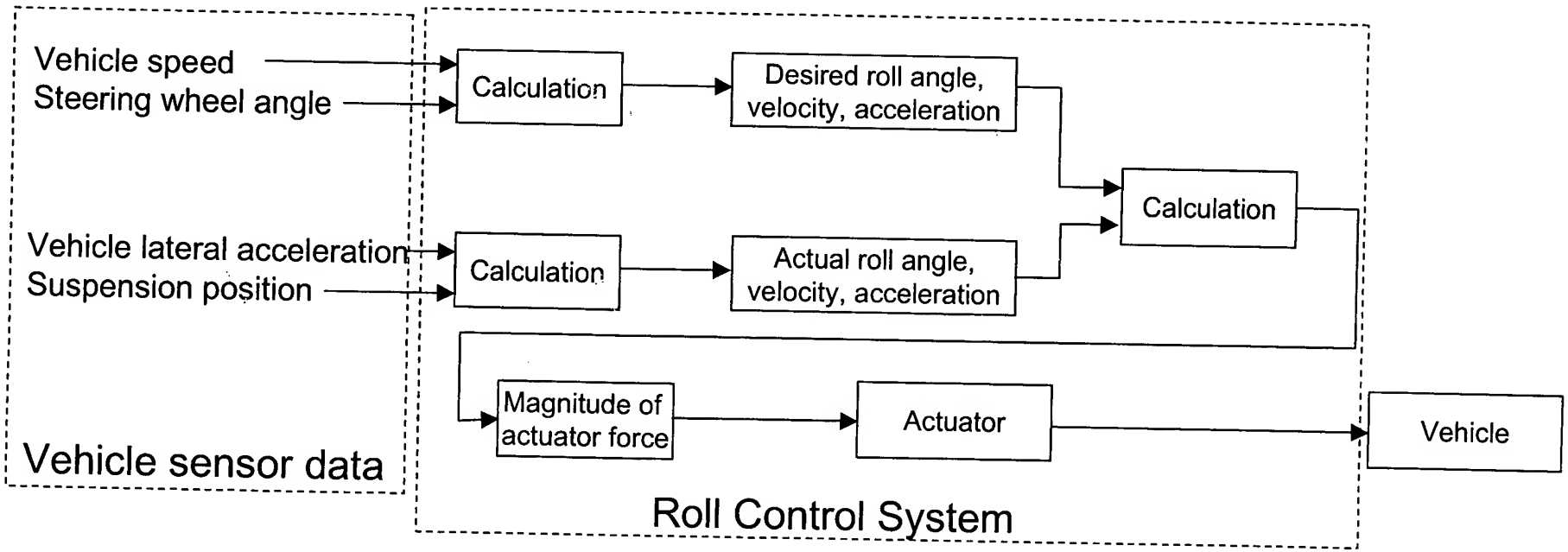
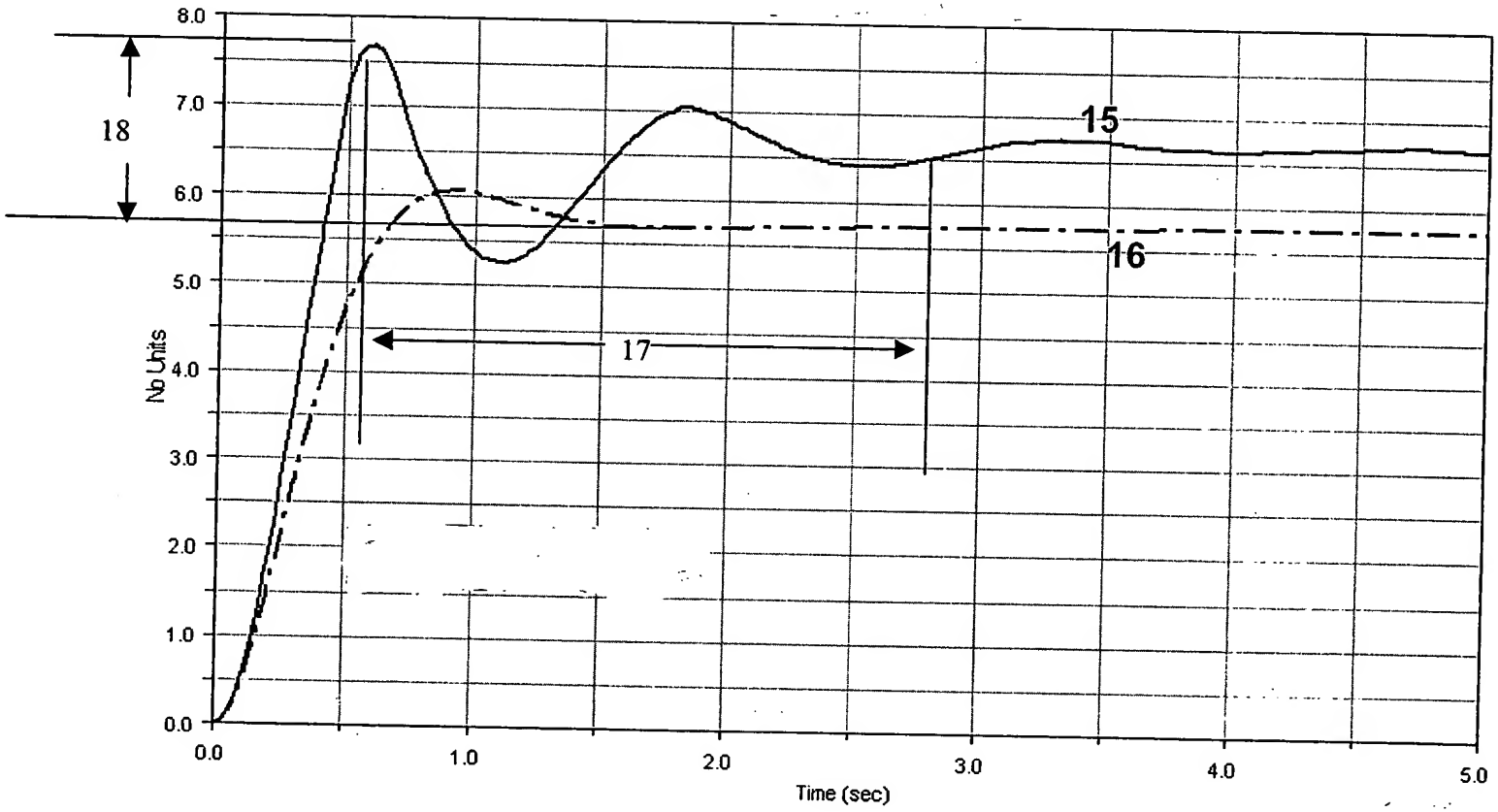

Vehicle speed
Steering wheel angle
Vehicle lateral acceleration
Suspension position
Vehicle sensor data
Calculation
Calculation
Desired roll angle, velocity, acceleration
Actual roll angle, velocity, acceleration
Calculation
Magnitude of actuator force
Actuator
Vehicle
Roll Control System

Figure 5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